

07 PATENT ABSTRACTS OF JAPAN

(11)Publication number : 60-030646

(43)Date of publication of application : 16.02.1985

(51)Int.Cl. A23K 1/00
C05F 3/00

(21)Application number : 58-140206

(71)Applicant : NISHIKAWA FUMIO
YAMAMOTO TAKASHI
TAGUCHI MASUFUMI

(22)Date of filing : 29.07.1983

(72)Inventor : NISHIKAWA FUMIO

(54) PRODUCTION OF FEED AND FERTILIZER FROM POULTRY DROPPING

(57)Abstract:

PURPOSE: To produce an easily digestible feed and fertilizer, economically, by heating poultry droppings with steam, pressing and kneading to remove the solution, and drying the product.

CONSTITUTION: The poultry droppings of broiler or layer is steamed directly or indirectly with steam under atmospheric pressure W4kg/cm2G at 100W150° C for about 30minW2hr, and pressed under a pressure of 10W100kg/cm2 to effect the solid-liquid separation and the pressure kneading. The water-content of the poultry dropping can be decreased to about 45W55% and the smell of the dropping can be remarkable lowered by this process. The product is dried by the indirect heating with steam, etc., drying with hot air, or their combination to obtain the feed having a water-content of ≤10% and high digestibility. When the water-content of the poultry dropping used as the raw material is 80%, the fuel consumed by the present process is as low as about 1/3W1/4 of that of the conventional process, and accordingly, the present process is extremely economical. The odor generation in the drying process is also very low.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office